

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	60	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 455/127.1-127.5,108-113, 571-574;330/255,262-276,55, 118-123.ccls. and (push\$pull or push near pull) with phase and (pa or amplifier) and (amplitude or phase) with (modulat\$4 or modif\$7 or shift\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:06
L3	354	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 455/127.1-127.5,108-113, 571-574;330/255,262-276,55, 118-123.ccls. and (push\$pull or push near pull or degree or invert\$4) same phase and (pa or amplifier) and (amplitude or phase) with (modulat\$4 or modif\$7 or shift\$4) not l1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:08
S3	303	(push adj pull or pull adj push) near1 phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 11:22
S4	52	((push adj pull) or (pull adj push)) adj phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:03
S5	127	class adj2 type adj amplif\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:37
S6	2	((push adj pull) or (pull adj push)) near4 phase near2 modif\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:03
S7	2	phase adj2 modif\$7 with (push adj pull or pull adj push)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:39

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S8	2	phase adj2 modif\$7 same (push adj pull or pull adj push)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:39
S9	189	phase adj2 modif\$7 same amplif\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:01
S10	2	"5973559".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:26
S11	2	"5083094".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:27
S12	8	("4016503"   "4311965"   "4315222"   "4477781"   "4549152"   "4618831"   "4755769"   "4841262").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 16:43
S13	12	("5083094").URPN.	USPAT	OR	ON	2006/10/27 16:50
S14	8	("4761625"   "5083094"   "5376901"   "5517203"   "6081170"   "6154181"   "6297714"   "6392508").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 16:51
S15	0	("6573810").URPN.	USPAT	OR	ON	2006/10/27 16:51
S16	9	("3375458"   "4010426"   "4064464"   "4383189"   "5222246"   "5287543"   "5304943"   "5831479").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 17:06
S17	12	(push adj pull or pull adj push) with phase same (non adj linear or nonlinear) with amplif\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 11:26
S18	98	(push adj pull or pull adj push) with phase and (non adj linear or nonlinear) with amplif\$6 not S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 14:39
S19	4	("4887045"   "6204731"   "6469581"   "6636116").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/31 12:47
S20	0	("7061317").URPN.	USPAT	OR	ON	2006/10/31 12:50

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S21	16	(push adj pull or pull adj push) same phase near3 modulat\$4 and (non adj linear or nonlinear) with amplif\$6 not S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 14:45
S22	15	330/107,140.ccls. and phase and ((push adj pull) or (pull adj push)) and (@rlad<"20030905" or @ad<"20030905" or @ptad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:44
S23	0	330/107,140.ccls. and phase and ((push adj pull) or (pull adj push)) and (@rlad<"20040905" or @ad<"20040905" or @ptad<"20040905") not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 12:03
S24	316	330/107,140.ccls. and phase and amplif\$5 and (@rlad<"20040905" or @ad<"20040905" or @ptad<"20040905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 12:04
S25	301	330/107,140.ccls. and phase and amplif\$5 and (@rlad<"20040905" or @ad<"20040905" or @ptad<"20040905")not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 12:23
S26	165	330/107,140.ccls. and phase with (modif\$5 or shift\$4) and amplif\$5 and (@rlad<"20040905" or @ad<"20040905" or @ptad<"20040905")not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 12:46
S27	9	455/126.ccls. and (push adj pull or pull adj push)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:05
S28	8	455/205,110.ccls. and (push adj pull or pull adj push)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:18
S29	8	455/205,110.ccls. and (push adj pull or pull adj push)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:22
S30	159	455/205,110.ccls. and phase with (modif\$6 or shift\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:38

## EAST Search History

S31	146	S30 and (@rlad<"20030905" or @ad<"20030905" or @ptad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:38
S32	106	S30 and amplif\$6 and (@rlad<"20030905" or @ad<"20030905" or @ptad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:27
S33	129	455/127.1.ccls. and phase with (modif\$6 or shift\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:47
S34	105	S33 and (@rlad<"20030905" or @ad<"20030905" or @ptad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:38
S35	99	455/127.1.ccls. and phase with (modif\$6 or shift\$4) and amplif\$6 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:39
S36	25	455/127.1.ccls. and (push adj pull or pull adj push)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:48
S37	24	330/107,140.ccls. and (@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and push near2 pull	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 13:07
S38	401	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and push near2 pull with phase with (modulat\$4 or modif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:12
S39	303	S38 and (transform\$5 or coupl\$4 or rectif\$6 or de\$coupl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 13:31
S40	56	S39 not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 13:31

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S41	15	S38 not S39 not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 13:47
S42	2521	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase near4 (modulat\$4 or modif\$7) same amplifier same (transform\$6 or coupl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 15:12
S43	113	S42 and push near2 pull	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:19
S44	76	S43 not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:20
S45	296	"330".clas. and (@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase near4 (modulat\$4 or modif\$7) same amplifier same (transform\$6 or coupl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 17:14
S46	58	"330".clas. and (@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase near4 (modulat\$4 or modif\$7) same amplifier same (transform\$6 or uncoupl\$4 or decoupl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 17:25
S47	251	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and 455/127.1-127.5.ccls. and phase near3 (modulat\$4 or modif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:11
S48	1333	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and "330".clas. and phase near3 (modulat\$4 or modif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:12
S49	1333	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and "330".clas. and phase near3 (modulat\$4 or modif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:16

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S50	803	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and "330".clas. and phase near3 (modulat\$4 or modif\$7) and (feed adj back or feed\$back)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:17
S51	690	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and "330".clas. and phase near3 (modulat\$4 or modif\$7) and (feed adj back or feed\$back) and (transformer or decoupl\$4 or coupl\$4 or uncoupl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:27
S52	305	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and "330".clas. and phase near3 (modulat\$4 or modif\$7) and (transformer or wast\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:29
S53	87	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and "330".clas. and phase near3 (modulat\$4 or modif\$7) and (wast\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:36
S54	318	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and "330".clas. and (push\$pull or push adj pull) with phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:44
S55	300	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and "330".clas. and (push\$pull or push adj pull) with phase and amplif\$4 not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:03
S56	206	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and "330".clas. and (push\$pull or push adj pull) with phase and amplif\$4 not optical not audio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 15:06
S57	29	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and "455".clas. and (push\$pull or push adj pull) with phase and amplif\$4 not optical not audio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:54
S58	520	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and (push\$pull or push adj pull) with phase and amplif\$4 not optical not audio not S56 not S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:52

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S59	19	("3649927"   "3917998"   "4056786"   "4068186"   "4319359"   "4477781"   "4591800"   "4595882"   "4618831"   "4899162"   "4901085"   "5012254"   "5054052"   "5073751"   "5093668"   "5119042"   "5192919"   "5264807"   "5351016").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 11:13
S60	30	("5568088").URPN.	USPAT	OR	ON	2007/03/30 11:21
S61	23	("2210028"   "3777275"   "3805139"   "3906401"   "3909742"   "3927379"   "4090147"   "4178557"   "4315107"   "4420723"   "4433312"   "4485357"   "4580111"   "5086450"   "5420541"   "5453717"   "5568088"   "5574967"   "5631604"   "5638024"   "5734565"   "5815531").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 11:27
S62	23	("6133788").URPN.	USPAT	OR	ON	2007/03/30 11:36
S63	237	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and wast\$3 near3 (energy or power) with control and amplifier and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:11
S64	1081	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and wast\$3 near3 (energy or power) and amplifier same phase not S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:28
S65	281	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and ("455".clas. or "330".clas.) and wast\$3 near3 (energy or power) and amplifier same phase not S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:12
S66	110	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040905" and wast\$3 near3 (energy or power) and amplifier same phase not S63 and push\$pull	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 13:31
S67	852	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 330/255,262-276,55,118-123.ccls. and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 15:13

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S68	36	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 330/255,262-276,55,118-123.ccls. and phase near5 (modulat\$4 or modif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 15:26
S69	203	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 330/255,262-276,55,118-123.ccls. and phase near5 (modulat\$4 or modif\$7 or shift\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:42
S70	454	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 455/127.1-127.5,571-574.ccls. and phase near5 (modulat\$4 or modif\$7 or shift\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:15
S71	24	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 455/127.1-127.5,571-574.ccls. and phase near5 (modulat\$4 or modif\$7 or shift\$4) and push\$pull	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:58
S72	24	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 455/127.1-127.5,571-574.ccls. and phase near5 (modulat\$4 or modif\$7 or shift\$4) and (push\$pull or push adj pull)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:55
S73	2	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 455/127.1-127.5,571-574.ccls. and edge and push\$pull	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:59
S74	11	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 455/127.1-127.5,571-574.ccls. and polar and push\$pull	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:59
S75	34	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and 455/127.1-127.5,571-574.ccls. and phase and push\$pull	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:16
S77	815	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase with push\$pull and (polar or edge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:17

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S78	117	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase with push\$pull and (polar and edge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:17
S79	5	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase with push\$pull and (polar and edge) not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:17
S81	245	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase with push\$pull and (polar or edge) not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:19
S82	5	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase with push\$pull and (polar and edge) not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:24
S83	105	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase with push\$pull and (amplitude and edge) not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:20
S85	52	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase and push\$pull and (polar and edge) and amplitude not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:26
S86	3	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and "455".clas. and phase and push\$pull and (polar and edge) and amplitude not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:27
S88	117	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and "455".clas. and phase and (polar and edge) and amplitude and modulat\$4 not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 17:59
S93	117	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and "455".clas. and phase and (polar and (edge or enhanced adj data adj3 GSM)) and amplitude and modulat\$4 not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 18:00

## EAST Search History

S95	21	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase and (polar and (edge or enhanced adj data adj3 GSM)) and amplitude and modulat\$4 and push\$pull not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 13:23
S97	52	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase and (polar and (edge or enhanced adj data adj3 GSM)) and amplitude and push\$pull not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 13:40
S98	0	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase and (enhanced adj data adj3 GSM) and amplitude and push\$pull	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 13:41
S99	0	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and phase and (enhanced adj data adj3 GSM) and push\$pull	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 13:41
S100	1	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (enhanced adj data adj3 GSM) and push\$pull	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 13:42
S101	18	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (enhanced adj data adj3 GSM) and (push\$pull or push adj pull)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 13:43
S102	1	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (push\$pull or push adj pull) with phase with modifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 13:48
S105	229	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (push\$pull or push adj pull) with phase with amplifier and amplitude and (modulat\$4 or modif\$7 or shift\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:23
S106	2	("4772856"   "6201445").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/31 14:05
S107	2	("6545542").URPN.	USPAT	OR	ON	2007/03/31 14:16

## EAST Search History

S10 8	165	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (push\$pull or push adj pull) with phase with amplifier and amplitude and (modulat\$4 or modif\$7 or shift\$4) not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 14:18
S10 9	847	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (push\$pull or push adj pull or "180" adj degree) with phase with amplifier and (modulat\$4 or modif\$7 or shift\$4) not optical not S108	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 14:30
S11 1	473	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (push\$pull or push adj pull or "180" adj degree) with phase with amplifier and (modulat\$4 or modif\$7 or shift\$4) not optical not S108 and (split\$4 or divid\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:18
S11 2	6	("5454013"   "6236284"   "6285255"   "6366177"   "6377784"   "6411655").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/31 14:47
S11 3	3	("6751265").URPN.	USPAT	OR	ON	2007/03/31 14:50
S11 4	29	("4772856").URPN.	USPAT	OR	ON	2007/03/31 16:35
S11 5	1222	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (push\$pull or push adj pull or "180" adj degree) with phase and amplifier and (modulat\$4 or modif\$7 or shift\$4) not optical not S108 and (transformer or decoupl\$4 or waste adj energy) not S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 17:44
S11 6	814	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (push\$pull or push adj pull or "180" adj degree) with phase and amplifier and (modulat\$4 or modif\$7 or shift\$4) not optical not S108 and (transformer or decoupl\$4 or waste adj energy) not S111 and (split\$4 or divid\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:31
S11 7	2	"5973559".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:32

## EAST Search History

S11 8	2	"5083094".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:32
S11 9	13	("5083094").URPN.	USPAT	OR	ON	2007/04/02 09:33
S12 0	8	("4016503"   "4311965"   "4315222"   "4477781"   "4549152"   "4618831"   "4755769"   "4841262").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 09:38
S12 1	1	(jorg near walbracht).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:45
S12 2	165	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (push\$pull or push adj pull) with phase with amplifier and amplitude and (modulat\$4 or modif\$7 or shift\$4) not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:19
S12 3	473	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (push\$pull or push adj pull or "180" adj degree) with phase with amplifier and (modulat\$4 or modif\$7 or shift\$4) not optical not S122 and (split\$4 or divid\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:19
S12 4	136	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030904" and (push\$pull or push adj pull or "180" adj degree or opposit near2 phase) with phase with amplifier not optical not S122 and (split\$4 or divid\$4) not S123	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:20
S12 5	2	"5568088".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:10